## **Amendments to the Claims:**

This following Listing of the Claims replaces all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

Claims 1-20 (Canceled)

21. (New) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:

$$A' \longrightarrow H$$

wherein each  $X^1$  and  $X^2$  is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;

wherein at least 96% of the carbon atoms bearing boron are of the L-configuration; wherein A' comprises an amino acid; and wherein each of the compounds inhibits DP-IV activity.

- 22. (New) The mixture of claim 21, wherein at least 97% of the carbon atoms bearing boron are of the L-configuration.
- 23. (New) The mixture of claim 21, wherein at least 98% of the carbon atoms bearing boron are of the L-configuration.
- 24. (New) The mixture of claim 21, wherein A' is alanine.
- 25. (New) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:

$$X - N \xrightarrow{B} X^2$$

wherein each  $X^1$  and  $X^2$  is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;

wherein at least 96% of the carbon atoms bearing boron are of the L-configuration; wherein X comprises an amino acid or a peptide; and wherein each of the compounds inhibits DP-IV activity.

- 26. (New) The mixture of claim 25, wherein X is an L-amino acid.
- 27. (New) The mixture of claim 25, wherein at least 97% of the carbon atoms bearing boron are of the L-configuration.
- 28. (New) The mixture of claim 25, wherein at least 98% of the carbon atoms bearing boron are of the L-configuration.